Topic.2 Communication with Stakeholders

Discussion Points

- 1. The NRA would like to explore various ways to better communicate with stakeholders, for example, in order to promote social understanding of the NRA's new inspection program, and to share common understanding with licensees regarding application of the new regulatory requirements including back-fitting.
- 2. The NRA continues to have communication with stakeholders as the NRA has done since its establishment.

Thinking of the situation above, how does the NRA improve its communication in the future?

Reference Materials

- (1) Provisions to ensure transparency of the NRA Japan
- (2) Summary of NRA's efforts toward communication with stakeholders
- (3) Detailed information on NRA's communication (from NRA annual report 2018 FY)
- (4) Opinion Exchanges between NRA Commissioners and Licensees' CEOs
- (5) Specialized Safety Facility (SSF): Background

Provisions to Ensure Transparency of the Nuclear Regulation Authority, JAPAN

O Act for Establishment of the Nuclear Regulation Authority

Act No. 47 published in the Extra Official Gazette of June 27, 2012 (Information Disclosure)

Article 25 The Nuclear Regulation Authority shall secure the transparency in its operation through a thorough disclosure of the information that it holds with the aim of guaranteeing the public's right to know.

O Supplementary Resolution on the Act for Establishment of the Nuclear Regulation Authority

5. The Nuclear Regulation Authority (NRA) shall ensure transparency by establishing rules for contact with external parties such as affiliated business as well as organizations promoting nuclear power plants for ensuring its independency and impartiality. In addition, the NRA shall promptly stipulate and disclose the items of related rules, platform and code of conduct on its impartiality, independency, openness, consistent accountability, prevention of conflicts of interest, its fair management and challenges for gaining public confidence and so on.

O NRA's Core Values and Principles

Issued on January 9, 2013

Guiding Principles for activities

We in the NRA and its supporting Secretariat shall perform our duties diligently acting in accordance with the following principles.

(3) Open and Transparent Organization

We shall ensure transparency and appropriate information disclosure on regulations, including the decision making process.

We shall be open to all opinions and advice from Japan and the international community and avoid both self-isolation and self-righteousness.

O The Policy on Ensuring the Operational Transparency of the Nuclear Regulation Authority

NRGA No. 120919096: Enacted by the Nuclear Regulation Authority on September 19, 2012

Chapter 1: Purpose

With regard to the regulatory operations carried out by the Nuclear Regulatory Authority (NRA), the policies for ensuring transparency in the operations of the NRA in relation to regulated parties, etc. were specified while taking into account the importance of ensuring the safety of the nuclear facilities and the public interests, etc. in order to strengthen the independence and neutrality of the operations as well as to avoid suspicion or mistrust.

Chapter 2: Basic policies for ensuring transparency

2. Thorough public discussion

With regard to meetings held by the NRA to discuss the details of regulations being considered (excluding those concerning administrative information sharing with regard to details such as scheduling and status reports), the details shall, in principle, be disclosed regardless of the type of meetings, and any discussions between regulated parties etc. about any details and procedures relating to the regulations shall be recorded and, in principle, also disclosed. Reference 2

Summary of NRA's efforts toward communication with stakeholders

Communication with local residents

- "Basic Policy for visit of nuclear facilities by NRA Commissioners and exchange of opinions with local parties" (November 2017)
- NRA staff members explain important judgments such as revisions of regulatory standards and permission for amendment in Reactor Installation Permit to local residents and local councils (mayors, local assembly members, representatives of local residents, etc.).

Communication with licensees

- Opinion exchange between the NRA Commissioners and the CEOs of major nuclear facilities (2014-)
- Opinion exchange between the NRA Commissioners and the CNOs (Chief Nuclear Officers) of major nuclear facilities for the smooth introduction of new regulations and enhancing its predictability (2017-)

1. Opinion Exchange with Licensees

| (1) Opinion Exchanges with Chief | Executive Officers (CEOs) |) on Safety Improvements |
|----------------------------------|---------------------------|--------------------------|
|----------------------------------|---------------------------|--------------------------|

| Date | Nuclear Licensees |
|-------------------|--------------------------------|
| May 30, 2018 | TEPCO Holdings |
| August 29, 2018 | Electric Power Development Co. |
| December 17, 2018 | Shikoku Electric Power |
| January 29, 2019 | Japan Atomic Energy Agency |
| February 18, 2019 | Japan Nuclear Fuel Ltd. |

(2) Opinion Exchanges with Chief Nuclear Officers (CNOs) of Licensees of Major Nuclear Facility Operators

| Date | Nuclear Licensees | Main Issues of Discussions |
|---------------------|---|--|
| August 3, 2018 | Kansai Electric Power, Chubu Electric Power, TEPCO Holdings, Shikoku Electric Power, Federation of Electric Power Companies | Sophistication of PRA by licensees Establishment of "Atomic Energy Association" Impacts of aging degradation of components and structures at nuclear power plants |
| January 10, 2019 | Kansai Electric Power, Chubu Electric Power, TEPCO Holdings, Federation of Electric Power Companies | Status of trial operation of nuclear regulatory inspection Atomic Energy Association (ATENA) Licensing procedure for safety improvement Completion of Specialized Safety Facility within the time limit |

(3) Visits to Nuclear Power Stations by NRA Commissioners

| | Schedule | Purpose | Place of Visit (NPS, etc.) | Commissioner in Charge |
|---|-------------------|---------------------------------------|---|---|
| 1 | April 19–20, 2018 | On-site inspection | Shimane NPS, Chugoku Electric Power | Commissioner Yamanaka |
| 2 | May 11, 2018 | On-site inspection | Shimane NPS, Chugoku Electric Power | Commissioner Tanaka |
| 3 | May 11, 2018 | On-site investigation | Tokai Daini PS, Japan Atomic Power Co. | Commissioner Yamanaka |
| 4 | May 19, 2018 | On-site inspection | Tomari PS, Hokkaido Electric Power | Chairman Fuketa, Commissioner Ban |
| 5 | June 7, 2018 | On-site investigation | Reprocessing Facility, Japan Nuclear Fuel Ltd. | Commissioner Tanaka |
| 6 | June 21, 2018 | Examination on- site investigation | Hyogo Earthquake Engineering Center, National Research Institute for Earth Science and Disaster Resilience | Commissioner Yamanaka |
| 7 | June 22, 2018 | On-site investigation | Prototype Advanced Converter Reactor "Fugen," Prototype Fast Breeder Reactor "Monju," Japan Atomic Energy Agency | Commissioner Tanaka |
| 8 | June 30, 2018 | On-site inspection | Prototype Fast Breeder Reactor "Monju," Japan Atomic Energy Agency | Chairman Fuketa, Commissioner Yamanaka |

| | Schedule | Purpose | Place of Visit (NPS, etc.) | Commissioner in Charge |
|----|----------------------------------|--------------------------|---|--|
| 9 | July 12–13, 2018 | On-site | Takahama PS, Mihama PS, Kansai | Commissioner Yamanaka |
| 9 | July 12–13, 2018 | investigation | Electric Power | |
| 10 | July 27, 2018 | On-site investigation | Genkai NPS, Kyushu Electric Power | Commissioner Ishiwatari |
| 11 | August 2, 2018 | On-site inspection | Nuclear Fuel Cycle Engineering Laboratories, Japan Atomic Energy Agency | Commissioner Tanaka |
| 12 | August 2, 2018 | On-site inspection | Fukushima Daiichi NPS, TEPCO Holdings | Commissioner Ban |
| 13 | August 3, 2018 | On-site investigation | Oarai Research and Development Institute, Japan Atomic Energy Agency | Commissioner Tanaka |
| 14 | October 1, 2018 | On-site inspection | Ohi PS, Kansai Electric Power | Commissioner Yamanaka |
| 15 | October 5, 2018 | On-site | Fukushima Daiichi NPS, TEPCO Holdings | Chairman Fuketa |
| 16 | October 11–12, 2018 | On-site investigation | Tomari PS, Hokkaido Electric Power | Commissioner Ishiwatari |
| 17 | October 19, 2018 | On-site inspection | Reprocessing Facility, Japan Nuclear Fuel Ltd. | Commissioner Ban |
| 18 | October 19, 2018 | On-site inspection | Kumatori works, Nuclear Fuel Industries, Ltd.; Nuclear Science Research Institute, Kyoto Univ. | Commissioner Tanaka |
| 19 | October 25–26, 2018 | On-site inspection | Kagoshima Environmental Radiation Monitoring Center; Sendai NPS, Kyushu Electric Power | Commissioner Ban, Commissioner Yamanaka |
| 20 | October 29, 2018 | On-site investigation | Koshihata Basin, Kyoto City (investigation of volcanic ash distribution) | Commissioner Ishiwatari |
| 21 | November 2, 2018 | On-site inspection | Horonobe Underground Research Center, Japan Atomic Energy Agency | Commissioner Tanaka |
| 22 | November 9, 2018 | On-site inspection | Fukushima Daiichi NPS, TEPCO Holdings | Commissioner Tanaka |
| 23 | November 15–16, 2018 | On-site investigation | Oma Nuclear Construction Office, J- Power | Commissioner Ishiwatari |
| 24 | November 15–16, 2018 | On-site investigation | Shimane NPS, Chugoku Electric Power | Commissioner Yamanaka |
| 25 | December 7, 2018 | On-site investigation | Ohi PS, Kansai Electric Power | Commissioner Ishiwatari |
| 26 | December 13, 2018 | On-site investigation | Prototype Fast Breeder Reactor "Monju," Japan Atomic Energy Agency | Commissioner Tanaka |
| 27 | December 21, 2018 | On-site investigation | Ningyo-toge Environmental Engineering Center, Japan Atomic Energy Agency | Commissioner Tanaka |
| 28 | December 26–27, 2018 | On-site inspection | Nuclear Science Research Institute and Oarai Research and Development Institute, Japan Atomic Energy Agency | Chairman Fuketa |
| 29 | December 27, 2018 | On-site inspection | Kashiwazaki-Kariwa NPS, TEPCO Holdings | Commissioner Yamanaka |
| 30 | January 11, 2019 | On-site investigation | Japan Atomic Energy Agency Nuclear Science Research Institute | Commissioner Tanaka |
| 31 | January 18, 2019 | On-site inspection | Reprocessing Facility, Japan Nuclear Fuel Ltd. | Commissioner Yamanaka |
| 32 | January 31 – February 1, 2019 | On-site inspection | Ikata PS, Shikoku Electric Power | Commissioner Yamanaka |
| 33 | March 9, 2019 | On-site inspection | Takahama PS, Kansai Electric Power | Chairman Fuketa |
| 34 | March 28–29, 2019 | On-site inspection | Kashiwazaki-Kariwa NPS, TEPCO Holdings | Commissioner Yamanaka |

2. Meetings and Opinion Exchange with Local Governments

(1) Meetings with Local Governments in FY2018

| Date | Meeting with | NRA representative |
|-------------------|--|-------------------------|
| May 14, 2018 | Mayors of 22 municipalities (including Mayor of Tsuruga City), chairpersons of 18 municipal assemblies (including substitutions) | Deputy Director-General |
| May 22, 2018 | Deputy Governor of Shiga Prefecture | Deputy Director-General |
| May 29, 2018 | Governor of Ehime Prefecture | Secretary-General |
| May 29, 2018 | Chairperson of the Niigata Prefectural Assembly, Chairperson of the Shizuoka Prefectural Assembly, Chairperson of the Shimane Prefectural Assembly, Chairperson of the Kagoshima Prefectural Assembly | Secretary-General |
| July 5, 2018 | Mayor of Kasuga | Deputy Director-General |
| July 11, 2018 | Mayor Omaezaki, Chairperson of the Omaezaki Municipal Assembly | Secretary-General |
| July 11, 2018 | Mayor of Matsue | Secretary-General |
| July 12, 2018 | Mayor of Mihama, Chairperson of the Mihama Municipal Assembly | Deputy Director-General |
| August 22, 2018 | Governor of Shimane Prefecture | Secretary-General |
| August 27, 2018 | Governor of Fukui Prefecture | Deputy Director-General |
| November 8, 2018 | Governor of Shimane Prefecture, Chairperson of the Shimane Prefectural Assembly | Secretary-General |
| November 16, 2018 | Chairperson of the Shizuoka Prefectural Assembly | Secretary-General |
| November 28, 2018 | Mayors of Tomari, Iwanai, Kyowa, and Kamoenai | Deputy Director-General |
| December 20, 2018 | Deputy Governor of Hokkaido | Deputy Director-General |

(2) On-site Opinion Exchange between the NRA and Local Parties Concerned

| Schedule | Description | Attendees | Commissioner in charge |
|------------------|--|--|--|
| June 18, 2018 | Opinion exchange with local parties concerned on the regulation in general of Prototype Fast Breeder Reactor "Monju" | Governor of Fukui Prefecture | Chairman Fuketa |
| June 30, 2018 | Opinion exchange with local parties concerned on regulatory issues relating to nuclear facilities | Mayors of Mihama, Wakasa, Obama, and Minamiechizen | Chairman Fuketa Commissioner Yamanaka |
| October 26, 2018 | Opinion exchange with local parties concerned on regulatory issues relating to nuclear facilities | Governor of Kagoshima Prefecture, Mayors of Satsumasendai, Akune, and Hioki | Commissioner Yamanaka Commissioner Ban |

(3) On-site Opinion Exchange between the NRA Secretariat and Local Parties Concerned

| Date | Venue | Name of meeting/session | Main attendees |
|-----------------|----------------------|---|-----------------|
| 2018/4/12 | Hokkaido | Hokkaido Disaster Prevention Council, Nuclear Disaster Prevention Task Force, Expert Committee | Experts |
| 2018/9/3 -10/19 | Aomori Prefecture | Opinion exchange meetings on nuclear power (Municipalities of Yomogita, Kazamaura, Noheji, Nanbu, Nishimeya, and Fukaura) | Local residents |
| 2018/12/18 | Aomori Prefecture | Aomori Prefecture Nuclear Policy Committee | Experts |

| Date | Venue | Name of meeting/session | Main attendees |
|---|-------------------------|---|--|
| 2019/2/22 | Aomori Prefecture | FY2018 fourth meeting of Aomori Prefecture Nuclear Facilities Environmental Radiation Monitoring and Evaluation Council, Monitoring Subcommittee | Experts, members of the Prefectural Assembly, chairpersons of relevant Municipal Assemblies, local governments |
| 2018/5/16 - 2019/2/13 (4 times) | - Aomori Prefecture | Press explanation of Operational Safety Inspection results to Aomori reporters' association | Aomori reporters' association |
| 2018/6/8 - 2019/3/1 (4 times) | - Aomori Prefecture | Report of Operational Safety Inspection results | Local governments |
| 2019/1/4 | Aomori Prefecture | Greeting by newly appointed Higashidori NRA Regional Administrator | Heads of local governments, local governments |
| 2018/5/15 | Miyagi Prefecture | The Panel on the Safety of Unit 2 of the Onagawa NPS | Experts |
| 2018/5/25 | Miyagi Prefecture | FY2018 Meeting of Heads of Sections for Nuclear Administration | Local governments |
| 2019/1/29 | Miyagi Prefecture | Meeting of heads of local governments on UPZ | Heads of local governments |
| 2018/6/25 - 2018/11/29 (18 times) | Fukushima Prefecture | Explanation to local residents on the re- consideration of deployment of real-time dose measuring systems | Local residents |
| 2018/5/22 - 2019/1/24 (4 times) | Fukushima Prefecture | Prefectural Council for Ensuring the Safety of Reactor Decommissioning | Residents, representatives of organizations |
| 2018/6/7 - 2019/2/7 (2 times) | Fukushima Prefecture | Fukushima Prefecture Labor Safety and Health Subcommittee | Local governments, experts |
| 2018/6/14 - 2019/2/14 (4 times) | Fukushima Prefecture | Fukushima Prefecture Environmental Monitoring Evaluation Subcommittee | Local governments, experts |
| 2019/4/27 - 2019/1/10 (3 times) | Fukushima Prefecture | Fukushima Prefecture Council on Decommissioning and Contaminated Water | Heads of local governments, representatives of organizations |
| 2018/5/16 - 2019/1/25 (3 times) | Fukushima Prefecture | Fukushima Prefecture Decommissioning Safety Monitoring Council | Local governments, experts |
| 2018/8/7 - 2019/10/2 (2 times) | Fukushima Prefecture | Naraha Nuclear Facility Monitoring Committee | Experts |
| 2018/4/11 - 2019/3/6 (12 times) | - Niigata Prefecture | Regional Panel for Ensuring Transparency of Kashiwazaki-Kariwa NPS | Experts, local governments, licensees |
| 2018/8/28 | Niigata Prefecture | Summer school on nuclear emergency preparedness | Heads of local governments, local governments, licensees |
| 2018/9/10 - 2018/12/25 (2 times) | - Niigata Prefecture | Niigata Prefecture Nuclear Emergency Evacuation Verification Committee | Experts, local governments, licensees |
| 2018/10/29 - 2019/1/31 (6 times) | - Niigata Prefecture | Municipal Study Group on Nuclear Safety Measures | Experts, local governments, licensees |
| 2019/1/28 | Niigata Prefecture | Confirmation of evacuation routes in nuclear emergencies | Heads of local governments, local governments |
| 2019/2/6 | Niigata Prefecture | Niigata Prefecture Nuclear Emergency Drill (desktop drill) | Heads of local governments, local governments, experts |

| Date | Venue | Name of meeting/session | Main attendees |
|-------------------------------------|--------------------------|---|--|
| 2018/12/13 | Ibaraki Prefecture | Explanation of the results of the drill in emergency communication at the time of nuclear facility accidents and problems | Local governments, licensees |
| 2019/1/13 2019/2/17 (6 times) | - Ibaraki Prefecture | Explanation session to local residents on the results of the review of conformity to new regulations for Tokai Daini PS | Residents |
| 2019/3/12 2019/3/26 (2 times) | - Ibaraki Prefecture | Residents nuclear conference | Residents, local governments, licensees |
| 2018/7/13 | Kanagawa Prefecture | Kanagawa Prefecture Environmental Radiation Monitoring Committee | Local governments, licensees, experts |
| 2018/10/22 | Kanagawa Prefecture | Kawasaki Nuclear Facility Safety Committee Secretariat meeting | Local governments, licensees |
| 2018/11/26 | Kanagawa Prefecture | Kawasaki Nuclear Facility Safety Committee meeting | Local governments, licensees |
| 2018/4/26 2019/1/30 (4 times) | - Ishikawa Prefecture | Joint Meeting of Akasumi Area Committee and Safety Promotion Liaison Committee | Heads of local governments, representatives of residents |
| 2018/4/26, 2018/11/1 | Ishikawa Prefecture | Shika "Shika Nuclear Power Station" Safety Promotion Committee | Heads of local governments, representatives of residents |
| 2018/7/3 2019/3/18 (4 times) | - Ishikawa Prefecture | Ishikawa Prefecture Nuclear Environmental Safety Control Council | Experts, local governments |
| 2019/3/26 | Toyama Prefecture | Toyama Prefecture Disaster Prevention Council, Nuclear Emergency Response Subcommittee | Heads of local governments, experts, local governments |
| 2018/8/2 2019/3/20 (4 times) | Fukui Prefecture | Fukui Prefecture Nuclear Environmental Safety Control Council | Members of the Prefectural Assembly, heads of local governments, representatives of organizations |
| 2018/8/9 2019/3/15 (2 times) | Fukui Prefecture | Fukui Prefecture Expert Committee | Experts |
| 2018/12/3 | Fukui Prefecture | Mihama Nuclear Environmental Safety Monitoring Committee | Members of the Municipal Assembly, representatives of residents, experts |
| 2018/10/19 | Fukui Prefecture | Ohi-Takahama General Promotion Council | Members of the Municipal Assembly |
| 2019/2/15 | Fukui Prefecture | Wakasa Nuclear Power Station Environmental Safety Council | Members of the Municipal Assembly, representatives of residents |
| 2019/3/27 | Fukui Prefecture | Obama Nuclear Power Station Environmental Safety Council | Members of the Municipal Assembly, representatives of organizations |
| 2019/1/21 | Kyoto Prefecture | Community Council on Ohi NPS in Kyoto Prefecture | Heads of local governments |
| 2018/6/1 | Shiga Prefecture | Shiga Prefecture Nuclear Safety Liaison Council | Local governments, experts |
| 2019/2/27 | Gifu Prefecture | Gifu Prefecture Disaster Prevention Council, Nuclear Expert Subcommittee | Local governments, experts |
| 2018/6/20 H32/3/14 (4 times) | - Shizuoka Prefecture | Omaezaki Special Panel on Nuclear Safety | Members of the Municipal Assembly |
| 2018/5/11 | Osaka Prefecture | First meeting of Kumatori Radiation Disaster Prevention Liaison Committee | Local governments, licensees |

| Date | Venue | Name of meeting/session | Main attendees |
|--------------------------------------|-------------------------------------|--|---|
| 2018/7/27 | Osaka Prefecture | 65th Kumatori Nuclear Issue Council | Vice Chairperson of the Municipal Assembly, community representatives |
| 2018/7/31 | Osaka Prefecture | FY2018 Izumisano Nuclear Issue Council | Members of the Municipal Assembly, representatives of residents |
| 2019/2/7 | Osaka Prefecture | 66th Kumatori Nuclear Issue Council | Vice Chairperson of the Municipal Assembly, community representatives |
| 2019/2/18 | Osaka Prefecture | Meeting on emergency monitoring plan | Local governments |
| 2019/3/28 | Osaka Prefecture | Izumisano Disaster Prevention Council | Heads of local governments, etc. |
| 2018/4/7 | Osaka Prefecture | Open house of Off-site Center | Local residents |
| 2018/5/17 2018/6/29 (3 times) | Okayama Prefecture | Explanation on renewal of Kamisaibara Promotion Center | Local governments, construction-related persons |
| 2018/5/28 2019/2/26 (7 times) | Okayama Prefecture | Explanation on the Operational Safety Inspection results | Local governments |
| 2018/9/21 | Okayama Prefecture | Explanation on Tottori Prefecture Nuclear Emergency Response Drill | Local governments |
| 2018/10/15, | Okayama | Explanation on Tottori Prefecture Nuclear | Local governments |
| 2018/11/15 2019/1/25 | Prefecture Okayama Prefecture | Emergency Response Drill (TV conference)Review meeting on Tottori Prefecture NuclearEmergency Response Drill (TV conference) | Local governments |
| 2018/12/7 | Okayama Prefecture | Opinion exchange on fire protection | Tsuyama Area Firefighting Union |
| 2018/5/30 | Shimane Prefecture | FY2018 Unnan Disaster Prevention Council | Local governments, designated local administrative organs, designated local public services |
| 2018/4/12 2019/3/18 (5 times) | - Shimane Prefecture | Explanation of Operational Safety Inspection results | Local governments |
| 2018/5/23 2019/3/6 (5 times) | Ehime Prefecture | Ikata Nuclear Power Station Environmental Investigation Technical Liaison Council | Local governments, licensees |
| 2018/8/28, 2019/3/28 (2 times) | Ehime Prefecture | Ikata Nuclear Power Station Environment and Safety Management Committee, Environmental Safety Subcommittee | Experts |
| 2018/8/28, 2019/3/28 (2 times) | Ehime Prefecture | Ikata Nuclear Power Station Environmental Safety Control Committee | Heads of local governments, local governments, experts |
| 2018/7/9, 2018/11/19 (2 times) | Ehime Prefecture | Ikata Environmental Monitoring Committee | Heads of local governments, Members of the Municipal Assembly, representatives of residents |
| 2018/5/30, H31/1/28 | Saga Prefecture | Saga Prefecture Nuclear Environmental Safety Liaison Committee | Heads of local governments, representatives of residents |
| 2018/5/22 H31/2/15 (3 times) | Kagoshima Prefecture | Satsuma Sendai City Nuclear Safety Measures Liaison Council | Heads of local governments, Members of Municipal Assemblies, representatives of residents |

| Date | Venue | Name of meeting/session | Main attendees |
|---|-------------------------|---|----------------------------|
| 2018/8/17, 2019/1/21 | Kagoshima Prefecture | Nuclear Safety Measures Liaison Council | Heads of local governments |
| *In addition to those stated in the table, meetings of working groups of local nuclear preparedness councils and committees on radiation supervision or monitoring are occasionally held in related prefectures, and the personnel of the NRA Secretariat attend. | | | |

3. Consultation and Opinion Exchange with Japanese and Foreign Experts (1) Opinion Exchange with Domestic Experts

| Date | Expert | Commissioner |
|--------------|---|---|
| July 9, 2018 | Kiyoshi Kurokawa, Professor Emeritus, National Graduate Institute for Policy Studies (Former Chairman of the National Diet Accident Investigation Committee), Satoshi Ishibashi, Visiting Researcher, National Graduate Institute for Policy Studies (Former Deputy Investigation Head of the National Diet Accident Investigation Committee Secretariat) | Chairman Fuketa, Commissioner Yamanaka |

(2) Opinion Exchange with Foreign Experts

| Date | Expert | Commissioner | |
|-------------------|--|-------------------------|--|
| April 0, 2018 | William D. Magwood, IV, Director General of OECD/NEA | Commissioner Yamanaka, | |
| April 9, 2018 | william D. Magwood, IV, Director General of OECD/NEA | Commissioner Ban | |
| May 23, 2018 | William D. Magwood, IV, Director General of OECD/NEA | Chairman Fuketa | |
| June 22, 2018 | Daniel Iracane, Deputy Director General of OECD/NEA | Chairman Fuketa | |
| August 10, 2018 | William D. Magwood, IV, Director General of OECD/NEA | Chairman Fuketa | |
| | | Chairman Fuketa, | |
| | Richard A. Meserve, International Nuclear Regulation Advisor | Commissioner Tanaka, | |
| October 29, 2018 | Dana Drábová, International Nuclear Regulation Advisor | Commissioner Yamanaka, | |
| | Andy Hall, International Nuclear Regulation Advisor | Commissioner Ban, | |
| | | Commissioner Ishiwatari | |
| November 14, 2018 | William D. Magwood, IV, Director General of OECD/NEA | Chairman Fuketa | |
| November 28, 2018 | Daniel Iracane, Deputy Director General of OECD/NEA | Chairman Fuketa | |
| November 30, 2018 | Massimo Aparo, Deputy Director General and Head of the | Chairman Fuketa | |
| | Department of Safeguards, IAEA | | |
| January 31, 2019 | William D. Magwood, IV, Director General of OECD/NEA | Chairman Fuketa | |

(3) Opinion Exchange with Foreign Regulators

| Date | Participant | Commissioner |
|--|---|---|
| July 23, 2018 – July 29, 2018 | Kristine Svinicki, Chairman of U.S. Nuclear Regulatory Commission (NRC) Michael Binde, President of Canadian Nuclear Safety Commission (CNSC) | Chairman Fuketa |
| September 3, 2019 – September 4, 2018 | Sixth Japan-France Regulator Meeting Pierre-Franck Chevet, President of Nuclear Safety Authority (ASN), France Sylvie Cadet-Mercier, Commissioner of ANS | Chairman Fuketa Commissioner Tanaka |

| | fioni Marianitari report | |
|---|--|--------------------------|
| September 17, 2018 – September 21, 2018 | IAEA General Conference, bilateral meetings (NRC, U.K. Office of Nuclear Regulation (ONR), Radiation and Nuclear Safety Authority of Finland (STUK), Swedish Radiation Safety Authority (SSM), Spanish Nuclear Safety Council (CSN), Swiss Federal Nuclear Safety Inspectorate (ENSI), Institute for Radiological Protection and Nuclear Safety (IRSN, France)), and meeting of International Nuclear Regulators Association (INRA) (nuclear regulators of the U.S., the U.K., Finland, Sweden, Spain, Switzerland, and France) | Chairman Fuketa |
| November 26, 2018 – November 30, 2018 | 32nd IAEA Advisory Group on Nuclear Security (AdSec) | Commissioner Tanaka |
| November 27, 2018 – Nov 28, 2018 | 11th Top Regulators' Meeting on Nuclear Safety among China, Japan, and Korea (TRM) (Korea, Gyeongju City) Korea: Uhm Jaesik, Chairperson of Nuclear Security and Safety Commission (NSSC) China: Deputy Director Zhao of Ministry of Environmental Protection/National Nuclear Safety Administration | Commissioner Yamanaka |
| February 19, 2019 – February 21, 2019 | Lydie Évrard, commissioner of ANS, France | Commissioner Tanaka |
| March 6, 2019 | Stephen G. Burns, Commissioner of U.S. NRC | Chairman Fuketa |

Reference 4

Opinion Exchanges between NRA Commissioners and Licensees' CEOs

| Licensee | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 |
|-------------------------|-------|------|-------|-------------------------|---------------------------------|--------------|
| Kyushu Electric Power | 10/29 | | 2/3 | 4/14 | 2/11(@Genkai) 10/26(@Sendai) | 10/15 |
| Shikoku Electric Power | 11/26 | | 3/16 | 7/31 | 12/17 | 4/13(@lkata) |
| Kansai Electric Power | | 1/13 | 6/1 | 6/7 | | 8/28 |
| Hokkaido Electric Power | | 1/28 | 7/13 | 7/12 | | 5/23 |
| Tokyo Electric Power | | 2/27 | 4/27 | 2/28,7/10, 8/30,9/20 | 5/30 | |
| Chubu Electric Power | | 3/18 | 7/27 | 12/6 | | 9/3 |
| Tohoku Electric Power | | 4/22 | 8/24 | 9/6 | | |
| Chugoku Electric Power | | 5/27 | 9/21 | 10/4 | | |
| Hokuriku Electric Power | | 6/10 | 10/19 | 11/22 | | |
| Japan Atomic Power | | 8/3 | 11/16 | | 1/24 | |
| JNFL | | 8/26 | 12/14 | | 4/4 | 2/18 |
| JAEA | | 9/30 | | 1/11,1/31 | 3/7 6/30(@Tsuruga) | 1/29 |
| J-Power | | | | | 8/29 | |
| RFS | | | | | | 8/6 |

Specialized Safety Facility (SSF): Background

| 2013 | |
|--------|--|
| 8 Jul | Enforcement of the New Regulatory Requirements (NRA decided a five-year grace period for installation of Specialized Safety Facility (SSF).) |
| 2016 | |
| Jan 12 | Enforcement of the revised NRA Ordinance extended the grace period (5 years from the date of enforcement of the new regulatory requirements -> 5 years from the approval date of the construction plan for main facility) |
| 2018 | |
| May 22 | 574the NPP Conformity Review Meeting NRA commissioners and Secretariat expressed a warning in public to licensees regarding the fact that their applications were submitted after one and half years have passed from the enforcement day of the revised NRA ordinance. |
| Oct 11 | 639the NPP Conformity Review Meeting NRA commissioners and Secretariat expressed a warning in public to licensees regarding the fact that some applications have not been submitted though time has passed from the enforcement day of the revised NRA ordinance. |
| Oct 24 | 2018FY 37 th NRA Commission Meeting NRA Secretariat staff explained to NRA Chairman and Commissioners the situations regarding the status of safety review and the installation deadline. |
| 2019 | 7th CNO meeting (Opinion exchange between the NRA Commissioners and the CNOs (Chief |
| Jan 10 | Nuclear Officers) of major nuclear facilities) |
| • | NRA commissioners mentioned that they would like to know the licensees' efforts towards SSF taking into account the fact that some licensees have not yet submitted the applications for installation of SSFs after the approval of the construction plans of main facilities. |

Specialized Safety Facility (SSF): Background

| 2019 | |
|--------|---|
| Apr 17 | 8th CNO meeting The Licensees reported to the NRA that the construction of SSFs may not be completed within the grace period considering the current progress status. |
| Apr 24 | 2019FY 5th NRA Commission Meeting The NRA confirmed the policy that it would order licensees to stop operating the NPPs if they fail to complete SSFs within the grace period. |
| Jun 12 | 2019FY 12th NRA Commission Meeting The following procedures were decided to order the licensees to stop operating the NPPs if they fail to complete SSFs and don't pass pre-service inspections within the grace period: (1) An opportunity shall be given to a licensee to express an excuse for disadvantageous disposition about six weeks before the expiration of the grace period; (2) About one week before the expiration date of the grace period, an order to stop the use of the facility (Nuclear Regulation Act 43-3-23) shall be issued; (3) When the SSF passes a pre-service inspection (Nuclear Regulation Act 43-3-11), the effect of the order shall be lost. |
| Oct 15 | 2019FY 35th NRA Commission Meeting The licensee mentioned that it was unable to complete the SSF within the grace period and therefore it would voluntarily stop operation of the NPPs starting periodic inspections before the expiration of the grace period. Then, they have plans to resume operations after the SSFs pass the pre-service inspections. |
| Oct 16 | 2019FY 36th NRA Commission Meeting <u>The NRA confirmed that there was no need to issue an order to stop operating NPPs when they were</u> <u>suspended for periodic inspections.</u> 15 |

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